

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	115	farah.xp.	USPAT	OR	OFF	2006/12/11 14:36
L5	21	4 and catheter	USPAT	OR	OFF	2006/12/11 14:39
L6	8	4 and (treat\$5 same (varicose same vein))	USPAT	OR	ON	2006/12/11 14:39
L7	19	("20040116912"   "4444185"   "4616656"   "5445608"   "5454374"   "5469524"   "5603710"   "5688246"   "5766164"   "5796905"   "5855577"   "5993072"   "6095149"   "6143019"   "6331178"   "6398777"   "6572608"   "6802838"   "RE36473").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 14:42
L8	395	treat\$5 same (varicose adj vein)	USPAT	OR	ON	2006/12/11 15:15
L9	72	8 and (fiber near optic\$2)	USPAT	OR	ON	2006/12/11 15:15
L10	23	9 and (balloon spacer)	USPAT	OR	ON	2006/12/11 15:23
L11	1514	(606/7,15,16).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 15:16
L12	0	10 and 11	USPAT	OR	OFF	2006/12/11 15:17

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	162	kittrell.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 11:40
S2	28	S1 and catheter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 11:47
S3	77	stabilizing adj balloon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 11:47
S4	1040	(606/7,15).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/17 11:47
S5	3	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/17 11:47
S6	1	("6398777").PN.	USPAT; USOCR	OR	OFF	2004/08/16 15:52
S7	40	(APPLING near2 WILLIAM).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 19:41
S8	1330	(606/7,15,16).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 15:16
S9	1144	((606/7,15,16).CCLS.) and (fiber near optic\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 16:01

## EAST Search History

S10	595	((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 16:01
S11	26	(((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 16:04
S12	569	(((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) not (((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) and spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 16:04
S13	307	((((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) not (((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) and spacer)) and balloon	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 16:04
S14	46	((((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) not (((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) and spacer)) and (rib ribs basket)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 16:05
S15	27	((((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) not (((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) and spacer)) and balloon) and (((((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) not (((606/7,15,16).CCLS.) and (fiber near optic\$2)) and catheter\$1) and spacer)) and (rib ribs basket))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 16:05
S16	7	"6143019".URPN.	USPAT	OR	ON	2004/08/16 16:10
S17	52	"5725521".URPN.	USPAT	OR	ON	2004/08/16 16:14
S18	52	"5725521".URPN.	USPAT	OR	ON	2004/08/16 16:25
S19	14	("4658817"   "4976710"   "4997435"   "4998972"   "5026366"   "5125926"   "5188635"   "5380316"   "5389096"   "5454782"   "5578007"   "5593405"   "5607421"   "5643253").PN.	USPAT	OR	ON	2004/08/16 16:25
S20	53	(APPLING near2 WILLIAM).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/11 20:17

## EAST Search History

S21	4	(("5454374") or ("6802838") or ("6331178") or ("5445608")).PN.	USPAT; USOCR	OR	OFF	2005/12/11 20:17
S22	29	(US-20040010248-\$).did. or (US-5304173-\$ or US-5445608-\$ or US-5192278-\$ or US-5578007-\$ or US-6767338-\$ or US-5419323-\$ or US-6692494-\$ or US-6712812-\$ or US-5496305-\$ or US-6402740-\$ or US-5188635-\$ or US-6561998-\$ or US-6287333-\$ or US-5643253-\$ or US-6575966-\$ or US-6143019-\$ or US-6736808-\$ or US-6582400-\$ or US-5026366-\$ or US-6344048-\$ or US-5725521-\$ or US-6331178-\$ or US-6660003-\$ or US-5290275-\$ or US-5318024-\$ or US-6802838-\$). did. or (US-5562100-\$ or US-6059825-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/26 14:03
S23	6	S22 and (longitud\$5 same (move moving))	USPAT	OR	OFF	2006/06/26 14:04
S24	5	S22 and ((longitud\$5 same (move moving)) same fiber)	USPAT	OR	OFF	2006/06/26 14:06
S25	1	("5693043").PN.	USPAT; USOCR	OR	OFF	2006/06/26 14:06
S26	1	S25 and ((longitud\$5 same (move moving)) same fiber)	USPAT	OR	OFF	2006/06/26 14:10
S27	5	(ceramic adj spacer) same (optic\$2 near fiber)	USPAT	OR	OFF	2006/06/26 14:11
S28	5	(ceramic near spacer) same (optic\$2 near fiber)	USPAT	OR	OFF	2006/06/26 14:11
S29	24	(ceramic same spacer) same (optic\$2 near fiber)	USPAT	OR	OFF	2006/06/26 14:11
S30	2	S29 and catheter	USPAT	OR	OFF	2006/06/26 14:11

	1	Document ID	Title	Current OR
1	X	US 6344048 B1	Removable occlusion system for aneurysm neck	606/200
2	X	US 6402740 B1	Expandable PMR device and method	606/28
3	X	US 5496305 A	Catheter for laser angiosurgery	606/15
4	X	US 6561998 B1	Transluminal devices, systems and methods for enlarging interstitial penetration tracts	604/22
5	X	US 6575966 B2	Endovascular cryotreatment catheter	606/21
6	X	US 6582400 B1	Variable tip catheter	604/164.01
7	X	US 5562100 A	Method for laser induced fluorescence of tissue	600/476
8	X	US 6660003 B1	Percutaneous myocardial revascularization basket delivery system and radiofrequency therapeutic device	606/45
9	X	US 6712812 B2	Devices for creating collateral channels	606/41
10	X	US 6767338 B2	Variable tip catheter	604/164.01
11	X	US 5725521 A	Depth stop apparatus and method for laser-assisted transmyocardial revascularization and other surgical applications	606/7
12	X	US 6802838 B2	Devices and methods for directed, interstitial ablation of tissue	606/13
13	X	US 6143019 A	Method for emitting therapeutic energy within tissue	607/89
14	X	US 5578007 A	Endocardial mapping and ablation system utilizing a separately controlled ablation catheter and method	604/95.05

	<b>Inventor</b>
<b>1</b>	Chin; Yem et al.
<b>2</b>	Ellis; Louis et al.
<b>3</b>	Kittrell; Carter et al.
<b>4</b>	Roth; Alex T. et al.
<b>5</b>	Lane; Miriam et al.
<b>6</b>	Hawk; Matthew et al.
<b>7</b>	Kittrell; Carter et al.
<b>8</b>	DeVore; Lauri et al.
<b>9</b>	Roschak; Ed et al.
<b>10</b>	Hawk; Matthew et al.
<b>11</b>	Mueller; Richard L.
<b>12</b>	Loeb; Marvin P. et al.
<b>13</b>	Motamedi; Massoud et al.
<b>14</b>	Imran; Mir A.

	1	Document ID	Title	Current OR
15	X	US 6692494 B1	Methods and devices for creating collateral channels in the lungs	606/46
16	X	US 6736808 B1	Apparatus for emitting therapeutic energy within tissue	606/15
17	X	US 5192278 A	Multi-fiber plug for a laser catheter	606/15
18	X	US 6331178 B1	User actuated laser energy device and procedure for forming a channel within tissue	606/13
19	X	US 4817601 A	Catheter system for controlled removal by radiant energy of biological obstructions	606/7
20	X	US 5445608 A	Method and apparatus for providing light-activated therapy	604/20
21	X	US 5419323 A	Method for laser induced fluorescence of tissue	600/476
22	X	US 5304173 A	Spectral diagnostic and treatment system	606/15
23	X	US 6287333 B1	Flexible stent	623/1.22
24	X	US 6059825 A	Clot filter	623/1.18
25	X	US 20040010248 A1	Endovascular treatment device having a fiber tip spacer	606/15
26	X	US 5188635 A	Catheter for percutaneous surgery of blood vessels and organs using radiant energy	606/14
27	X	US 5318024 A	Laser endoscope for spectroscopic imaging	600/478
28	X	US 5290275 A	Catheter for laser angiosurgery	606/15
29	X	US 5643253 A	Phototherapy apparatus with integral stopper device	606/17
30	X	US 5026366 A	Angioplasty catheter and method of use thereof	606/7

	<b>Inventor</b>
15	Cooper; Joel D. et al.
16	Motamedi; Massoud et al.
17	Hayes; Gary B. et al.
18	Loeb; Marvin P. et al.
19	Roth; Laurence A. et al.
20	Chen; James C. et al.
21	Kittrell; Carter et al.
22	Kittrell; Carter et al.
23	Appling; William M. et al.
24	Hobbs; Eamonn et al.
25	Appling, William M. et al.
26	Radtke; Wolfgang
27	Kittrell; Carter et al.
28	Kittrell; Carter et al.
29	Baxter; Lincoln S. et al.
30	Leckrone; Michael E.

	1	Document ID	Title	Current OR
31	X	US 6986766 B2	Method of endovenous laser treatment	606/15
32	X	US 6981971 B2	Medical laser device	606/15
33	X	US 6520975 B2	Kit for endovascular venous surgery	606/159
34	X	US 6033398 A	Method and apparatus for treating venous insufficiency using directionally applied energy	606/27

	<b>Inventor</b>
31	Caldera; Tiziano et al.
32	Caldera; Tiziano et al.
33	Branco; Antonio Carlos
34	Farley; Brian E. et al.